CHUN CHEUNG (HARRY) WANG

Year 3, BSc Major in Computer Science

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TECHNICAL SKILLS

Programming: Java, C/C++, HTML/CSS, JavaScript/TypeScript, SQL

Tools: GitHub, IntelliJ, VS Code, Eclipse

Testing: JUnit, Writing test plans

TECHNICAL PROJECTS

Super Smash Bros Database   Nov – Dec 2023

- Structured the database using an ER diagram and populated it using Oracle SQL for efficient data management
- Enabled user-friendly interactions by implementing frontend functions for various queries in HTML/CSS and JavaScript
- Successfully integrated the designed frontend with the Oracle SQL database, ensuring a smooth and clear user experience

UBC Insight Facade   Sep – Nov 2023

- Enabled users to upload zip files as dataset files, enhancing the platform's versatility
- Implemented dataset addition and query functionality using TypeScript, optimizing data retrieval and analysis processes
- Developed the UBC Insight Facade using TDD methodologies with black box testing to ensure robust and reliable code

Simple Calculator   Jun 2023

- Designed the calculator using HTML/CSS for the frontend for the calculator
- Implemented calculator functionality with JavaScript for user interaction
- Utilized GitHub for effective version control throughout the project

Personal Website   Jun 2023

- Created visually appealing webpages with responsive design for optimal user experience
- Enabled functions to allow the user to navigate through different webpage of the website
- Hosted the website on GitHub and used GitHub for version control

Password Generator   Jan – Feb 2023

- Implemented a console-based password generator using Java and tested it with JUnit
- Improved the robustness of the program by letting the user specify the difficulty and length of the password to be generated

Sleepy Ninja (A Dodging Obstacle Game)   Jan 2023

- Participated in nwHacks and worked in a team of four while using JavaScript, and GitHub

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- Created an interactive game environment by implementing the motion of the character, the gravity of the game environment with layered background
- Learned how to host a local server, detect a collision, make unique characters using Figma

Currency Converter   Sep – Dec 2022
- Designed and implemented a GUI for currency converter using Java, tested with JUnit
- Enabled functions to allow the user to input the name and the rate of the currency, modify the currency rate, or delete the unwanted currency at any time

WORK EXPERIENCE
Circle K Convenience Store All-Rounder   Aug 2018 – Feb 2021
- Stocked the cooler, cleaned the shop, and helped to collect cash at the cashier desk

Concerto Academy Basketball Coach   Sep 2019 – Feb 2021
- Coached tweens and improved their shooting, dribbling skills, and the value of teamwork

COMMUNITY INVOLVEMENT EXPERIENCE
2018 YMCA of Hong Kong Christian College Service Outreach   Jun – Jul 2018
- Gave lessons with different subjects to educate the homeless orphans in the Philippines and provided food for the orphans on the streets
- Raised over 50,000 HKD to support local organizations for supporting orphans that are in need

Love Your Neighbour Club   Feb 2023 - Present
- Volunteered to tutor primary students with their math assignments
- Led indoor activities such as arts and crafts, and outdoor activities to give students a diverse experience

EDUCATION
The University of British Columbia   Sep 2021 – May 2026
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